

PATENT APPLICATION FEE DETERMINATION RECORD  
Effective December 8, 2004

187708312

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

|                                  |   |              |                          |
|----------------------------------|---|--------------|--------------------------|
| TOTAL CLAIMS                     |   |              |                          |
| FOR                              |   | NUMBER FILED | NUMBER EXTRA             |
| TOTAL CHARGEABLE CLAIMS          | 9 | minus 20=    | *                        |
| INDEPENDENT CLAIMS               | 2 | minus 3 =    | *                        |
| MULTIPLE DEPENDENT CLAIM PRESENT |   |              | <input type="checkbox"/> |

\* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A                                    | CLAIMS REMAINING AFTER AMENDMENT |             | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------------|------------------------------------|---------------|
|  | Total                            | Independent |                                    |               |
|  | * 9                              | Minus       | ** 20                              | =             |
|  | Independent                      | 2           | Minus                              | *** 3 =       |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |             |                                    |               |

SMALL ENTITY  
TYPE  OR OTHER THAN  
SMALL ENTITY

| RATE      | FEES   | RATE         | FEES   |
|-----------|--------|--------------|--------|
| BASIC FEE | 150.00 | OR BASIC FEE | 300.00 |
| X\$ 25=   |        | OR X\$50=    |        |
| X100=     |        | OR X200=     |        |
| +180=     |        | OR +360=     |        |
| TOTAL     |        | OR TOTAL     |        |

SMALL ENTITY  
OTHER THAN  
OR SMALL ENTITY

| RATE             | ADDITIONAL FEE | RATE                | ADDITIONAL FEE |
|------------------|----------------|---------------------|----------------|
| X\$ 25=          |                | OR X\$50=           |                |
| X100=            |                | OR X200=            |                |
| +180=            |                | OR +360=            |                |
| TOTAL ADDIT. FEE |                | OR TOTAL ADDIT. FEE |                |

| AMENDMENT B                                    | CLAIMS REMAINING AFTER AMENDMENT |             | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------------|------------------------------------|---------------|
|  | Total                            | Independent |                                    |               |
|  | * 9                              | Minus       | ** 20                              | =             |
|  | Independent                      | 2           | Minus                              | *** 3 =       |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |             |                                    |               |

| RATE             | ADDITIONAL FEE | RATE                | ADDITIONAL FEE |
|------------------|----------------|---------------------|----------------|
| X\$ 25=          |                | OR X\$50=           |                |
| X100=            |                | OR X200=            |                |
| +180=            |                | OR +360=            |                |
| TOTAL ADDIT. FEE |                | OR TOTAL ADDIT. FEE |                |

| AMENDMENT C                                    | CLAIMS REMAINING AFTER AMENDMENT |             | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------------|------------------------------------|---------------|
|  | Total                            | Independent |                                    |               |
|  | * Minus                          | Minus       | ** =                               |               |
|  | Independent                      | Minus       | *** =                              |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |                                  |             |                                    |               |

| RATE    | ADDITIONAL FEE | RATE      | ADDITIONAL FEE |
|---------|----------------|-----------|----------------|
| X\$ 25= |                | OR X\$50= |                |
| X100=   |                | OR X200=  |                |
| +180=   |                | OR +360=  |                |